

ABSTRACT

A polyether ester comprises poly(trimethylene-ethylene ether) ester soft segment and alkylene ester hard segment. Preferably, the polyether  
5 ester is a thermoplastic elastomer in which the hard segment comprises C<sub>2</sub> to C<sub>12</sub> alkylene ester. The composition is prepared by providing and reacting:

- (a) poly(trimethylene-ethylene ether) glycol
  - (b) at least one polyester.
- 10 Fiber made from this composition is particularly useful in making films, membranes and fabrics.